underside (the side facing the interior of the housing 6) at the periphery of the access opening 13 so as to be capable of receiving the sleeve element 18 with the encased transparent element 16.

Referring to Fig. 3 and 4 the hinged cover 22 is pivotally attached to the housing 6 by an attachment means 48. The hinged cover 22 has a central opening 13. The transparent element 16 is preferably made of pyrex glass housed and is housed within the sleeve element 17, the sleeve element 17 having a circumferential side wall 18 and an upper lip 19 capable of receiving the transparent element 16. In a preferred embodiment the transparent element 16 is held within the sleeve element 17 by glue, such as silicon glue, which is known in the art. At the access port 11 the housing 6 is countersunk to form a ledge 25. In operation the glass cover element 16 rests on an O-ring 20 which sits on the ledge 25 of the housing 6 to cover the access opening 13. When the hinged cover 22 is engaged it is capable of holding the transparent element 16 with its sleeve 17 in place over the access port 11. A strainer screen 28 capable of allowing fluid to pass, but not cleaning balls (not shown), covers the outlet port 10. The latch 46 is fixedly attached to the housing 6. In another preferred embodiment the latch 46 is seated in a recess 49 in the wall of the cylindrical housing 6. Similarly the hinge 48 of the hinged cover 22 may be seated in a similar recess in the wall of the housing 6 across from the latch recess 49.

While the invention was described with respect to one preferred embodiment, it will be apparent that this is set forth as an example and that many variations, modifications and applications of the invention can be made.

We claim:

1. In a cleaning system for cleaning fluid conducting tubing, which uses balls made up of spongy material, a ball collector comprising:

a cylindrical metallic housing having a sealed bottom, an access port with a hinged cover, the hinged cover having a transparent element, and inlet and outlet ports, the outlet port being covered with a strainer screen, the strainer screen being capable of allowing fluid to pass while retaining the balls made up of spongy material,

an O-ring capable of forming a seal between the cylindrical housing and hinged cover,

a means to attach the hinged cover to the housing, and

a means to lock the hinged cover in a closed position.

2. The ball collector of claim 1 wherein a silicon glue material forms a seal among the hinged cover, the O-ring and cylindrical housing.

3. The ball collector of claim 1 wherein the hinged cover comprises metallic frame, a pyrex glass member encased in a metallic sleeve and has a means to hold the pyrex glass member and sleeve in place within the cover.

4. The ball collector of claim 3 wherein the means to attach and means to lock the hinged cover are seated in recesses in the housing.

5. The ball collector of claim 3 wherein the O-ring rests on a by a countersunk ledge the access port into the cylindrical housing, the ledge being capable of receiving the pyrex glass member.

6. The ball collector of claim 5 wherein the wall of the housing is one-quarter to one-half inch thick.